

Exhibit 1

Description of Operations

The Applicant seeks an experimental license for testing of a proprietary method of wireless power transmission using the electric field (as opposed to the more popular electromagnetic field). This method of power transmission is also known as Capacitive Power Transmission (“CPT”).

The Applicant, IVO Ltd. (“IVO”), has developed its own CPT equipment and will experiment the technology’s capabilities on IVO’s property located at 451 W. Park St, Covington, VA. This corresponds to the GPS coordinates listed in the application (37° 45’ 32” N, 79° 59’ 33” W). In addition, IVO plans to demonstrate the technology to potential partners at Bismarck, ND (46° 50’ 13” N, 100° 48’ 2” W); Melbourne, FL (28° 5’ 4” N, 80° 36’ 29” W); Melbourne, FL (27° 57’ 15” N, 80° 43’ 11” W); Redwood City, CA (37° 28’ 27” N, 122° 0’ 33” W); Cupertino, CA (37° 20’ 5” N, 122° 0’ 33” W); Wolfeboro, NH (43° 37’ 49” N, 71° 15’ 53” W); Boca Chica, TX (25° 59’ 2” N, 97° 11’ 23” W); Seattle, WA (47° 32’ 27” N, 122° 19’ 2” W); and San Antonio, TX (29° 22’ 9” N, 98° 34’ 6” W).

The experiments will involve transmitting power wirelessly via the electric fields induced between a transmitter’s capacitive plate and a receiver’s capacitive plate. The experiments will involve powering unmanned aerial vehicles and other mobile devices. No individuals outside of IVO’s personnel, or others directly involved with the experiments, will be exposed to the tests. This testing facility is not accessible to the general public.

IVO has requested authority to perform experimental testing in two bands: 1500-1700 kHz and 6.765-6.795 MHz. While up to 100 watts of power has been requested for the 1500-1700 kHz band, most experiments will be under 50 watts. All tests are intended to be for transmission distances of less than 10 meters. Most experiments will be for transmission distances of less than 3 meters. It is not IVO’s intention, nor is IVO’s CPT equipment capable of, producing wideband emissions across either of these bands. The CPT can only use and test at a single frequency at any given time.

The testing will not impact licensed operations. In the Covington, VA facility, IVO already has been testing the technology pursuant to an experimental STA authorizing operations in the AM radio band. IVO has been very careful to make sure that its experiments do not interfere with the local radio station operating in 1340 kHz. In the additional areas in which IVO seeks authorization for experimental operations, IVO will take similar steps to ensure that its experiments do not interfere with nearby AM radio stations.